

## ABSTRACT OF THE DISCLOSURE

A plurality of intelligent device systems for use with a wideband signal distribution network, and methods for transmitting digital information and receiving digital and non-digital information onto and off of an RF carrier through a wideband signal distribution network, are disclosed. The intelligent device systems provide networks of intelligent devices that modulate and demodulate digital video, IP video/data/voice and digital wireless onto, and off of, a wideband signal distribution system, such as an analog carrier system, using existing EIA/TIA 568 standard wiring infrastructure. The methods modulate and demodulate digital video, IP video/data/voice and digital wireless onto, and off of, a wideband distribution system, such as an analog carrier system, and separate IP portions from non-IP portions.